

**KNOBBE, MARTENS, OLSON & BURKE**  
 INTELLECTUAL PROPERTY LAW  
 A LIMITED LIABILITY PARTNERSHIP INCLUDING  
 PROFESSIONAL CORPORATIONS

**PATENT, TRADEMARK AND COPYRIGHT CAUSES**

LOUIS J. KNOBBE\*  
 DON W. MARTENS\*  
 GORDON H. OLSON\*  
 JAMES B. BEAR  
 DARRELL L. OLSON\*  
 WILLIAM B. BUNKER  
 WILLIAM H. NIEMAN  
 LOWELL ANDERSON  
 ARTHUR S. ROSE  
 JAMES F. LESNIAK  
 NED A. ISRAELEN  
 DREW S. HAMILTON  
 JERRY T. SEWELL  
 JOHN B. SGANGA, JR.  
 EDWARD A. SCHLATTER  
 GERARD VON HOFFMANN  
 JOSEPH R. RE  
 CATHERINE J. HOLLAND  
 JOHN M. CARSON  
 KAREN VOGEL WEIL  
 ANDREW H. SIMPSON  
 JEFFREY L. VAN HOOSER  
 DANIEL E. ALTMAN  
 ERNEST A. BEUTLER  
 MARGUERITE L. GUNN  
 STEPHEN C. JENSEN  
 VITO A. CANUSO III  
 WILLIAM H. SHREVE  
 LYNDIA J. ZADRA-SYME\*

STEVEN J. NATAUPSKY  
 PAUL A. STEWART  
 JOSEPH F. JENNINGS  
 CRAIG S. SUMMERS  
 ANNEMARIE KAISER  
 BRENTON R. BABCOCK  
 THOMAS F. SMEGAL, JR.  
 MICHAEL H. TRENHOLM  
 DIANE M. REED  
 JONATHAN A. BARNEY  
 RONALD J. SCHOENBAUM  
 JOHN R. KING  
 FREDERICK S. BERRETTA  
 NANCY WAYS VENSKO  
 JOHN P. GIEZENTANNER  
 ADEEL S. AKHTAR  
 GINGER R. DREGER  
 THOMAS R. ARNO  
 DAVID N. WEISS  
 DANIEL HART, PH.D.  
 DOUGLAS G. MUEHLHAUSER  
 LORI LEE YAMATO  
 STEPHEN M. LOBBIN  
 ROBERT F. GAZDINSKI  
 STACEY R. HALPERN  
 MICHAEL K. FRIEDLAND  
 DALE C. HUNT, PH.D.  
 LEE W. HENDERSON, PH.D.  
 DEBORAH S. SHEPHERD

201 CALIFORNIA STREET  
 SUITE 1150  
 SAN FRANCISCO, CALIFORNIA 94111-3335  
 (415) 954-4114  
 FAX (415) 954-4111  
 INTERNET: [WWW.KMOB.COM](http://WWW.KMOB.COM)

RICHARD E. CAMPBELL  
 MARK M. ABUMERI  
 JON W. GURKA  
 KATHERINE W. WHITE  
 ERIC M. NELSON  
 ALEXANDER C. CHEN  
 MARK R. BENEDICT, PH.D.  
 PAUL N. CONOVER  
 ROBERT J. ROBY  
 SABING H. LEE  
 KAROLINE A. DELANEY  
 JOHN W. HOLCOMB  
 JAMES J. MULLEN, III, PH.D.  
 JOSEPH S. CIANFRANI  
 JOSEPH M. REISMAN, PH.D.  
 WILLIAM R. ZIMMERMAN  
 GLEN L. NUTTALL  
 ERIC S. FURMAN, PH.D.  
 DO TE KIM  
 TIRZAH ABE LOWE  
 GEOFFREY Y. IDA  
 ALEXANDER S. FRANCO  
 SANJIVPAL S. GILL  
 SUSAN M. MOSS  
 GUY PERRY  
 JAMES W. HILL, M.D.  
 ROSE M. THIESSEN, PH.D.  
 MICHAEL L. FULLER  
 MICHAEL A. GUILIANA

OF COUNSEL  
 JERRY R. SEILER  
 JAPANESE PATENT ATTY  
 KATSUHIRO ARAI\*  
 EUROPEAN PATENT ATTY  
 MARTIN HELLEBRANDT  
 KOREAN PATENT ATTY  
 MINCHEOL KIM  
 SCIENTISTS & ENGINEERS  
 (NON-LAWYERS)  
 RAIMOND J. SALENIKS\*\*  
 NEIL S. BARTFELD, PH.D.\*\*  
 DANIEL E. JOHNSON, PH.D.\*\*  
 JEFFERY KOEPKE, PH.D.  
 KHURRAM RAHMAN, PH.D.  
 JENNIFER A. HAYNES, PH.D.  
 THOMAS Y. NAGATA  
 BRENDAN P. O NEILL, PH.D.  
 ALAN C. GORDON  
 PABLO S. HUERTA  
 LINDA H. LIU  
 MICHAEL J. HOLIHAN  
 YASHWANT VAISHNAV, PH.D.  
 MEGUMI TANAKA

Assistant Commissioner for Patents  
 Washington, D.C. 20231

**CERTIFICATE OF MAILING BY "EXPRESS MAIL"**

**Attorney Docket No. : ASMEX.256A**

**Applicant(s) : Ivo Raaijmakers, Suvi Haukka,  
 Ernst Granneman**

**For : CONFORMAL THIN FILMS OVER  
 TEXTURED CAPACITOR ELECTRODES**

**Attorney : Adeel S. Akhtar**

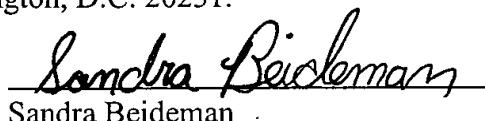
**"Express Mail"  
 Mailing Label No. : EL511829724US**

**Date of Deposit : December 3, 1999**

I hereby certify that the accompanying

Transmittal in Duplicate; Specification in 47 pages; 12 sheets of drawings; Check  
 for Filing Fee; Return Prepaid Postcard

are being deposited with the United States Postal Service "Express Mail Post Office to  
 Addressee" service under 37 CFR 1.10 on the date indicated above and are addressed to the  
 Assistant Commissioner for Patents, Washington, D.C. 20231.

  
 Sandra Beideman

W:\DOCS\ASA\ASA-4539.DOC  
 120399



12-06-90

PATENT

Attorney Docket No. ASMEX.256A  
Date: December 3, 1999  
Page 1

1

## ASSISTANT COMMISSIONER FOR PATENTS

**WASHINGTON, D.C. 20231**

ATTENTION: BOX PATENT APPLICATION

Sir:

Transmitted herewith for filing is the patent application of

Inventor(s): Ivo Raaijmakers, Suvi Haukka, Ernst Granneman

For: CONFORMAL THIN FILMS OVER TEXTURED CAPACITOR ELECTRODES

Enclosed are:

(X) 12 sheets of drawing.  
(X) Return prepaid postcard.



**CLAIMS AS FILED**

FOR	NUMBER FILED	NUMBER EXTRA	RATE	FEE
Basic Fee			\$760	\$760
Total Claims	66 - 20 =	46 x	\$18	\$828
Independent Claims	6 - 3 =	3 x	\$78	\$234
If application contains any multiple dependent claims(s), then add			\$260	\$
<b>TOTAL FILING FEE</b>		<b>\$1822</b>		

(X) A check in the amount of \$1822 to cover the filing fee is enclosed.

(X) The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Account No. 11-1410. A duplicate copy of this sheet is enclosed.

(X) Please use Customer No. 20,995 for the correspondence address.

Adeel S. Akhtar  
Registration No. 41,394  
Attorney of Record